2613
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of Atty. Docket
ANNA PELAGOTTI ET AL. PHNL 010022

Serial No.: 10/046,626 Group Art Unit: 2613

Filed: January 14, 2002 Examiner: A.C. Wong

Title: REDUCING HALO-LIKE EFFECTS IN MOTION-COMPENSATED
INTERPOLATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is an amendment in the above-identified
application.

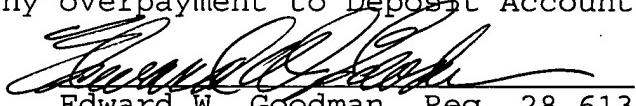
No additional fee is required.

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
	Claims remaining after amendment	Highest number previously paid for	Number extra	Rate	Additional Fee
Total Claims	7 Minus 20 ¹ =		X \$18 =	\$	
Independent Claims	2 Minus 3 ² =		X \$88 =	\$	
Multiple Dependent Claims, if any. If not previously paid, \$300.				\$	
Total Additional fee for this amendment			=	\$	

¹If less than 20, enter 20. ²If less than 3, enter 3.

Please charge any fees which may be required, except the issue fee, or credit any overpayment to Deposit Account No. 14-1270.



Edward W. Goodman, Reg. 28,613
914-333-9611

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited this date with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to the COMMISSIONER OF PATENTS AND TRADEMARKS, P.O. Box 1450, Alexandria, VA 22313-1450.

on January 20, 2005





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ANNA PELAGOTTI ET AL.

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SERIAL NO.: 10/046,626

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FILED: January 14, 2002

EXAMINER: A.C. Wong

REDUCING HALO-LIKE EFFECTS IN MOTION-COMPENSATED INTERPOLATION

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Sir:

RESPONSE UNDER 37 C.F.R. 1.111

This is in response to the Office Action mailed November 17, 2004, in which the Examiner rejected claims 1, 4, 6 and 7 under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 5,412,435 to Nakajima. Applicants acknowledge that the Examiner has found claims 2, 3 and 5 allowable over the prior art of record.

Applicants traverse the above rejection and offer the following explanation.

The Nakajima patent discloses interlaced video signal motion compensation prediction system in which motion vectors are generated for selected groups of pixels in one image and corresponding groups of pixels in a second image. These motion vectors are applied to a selector 43 which selects one of the motion vectors in response to a comparison by a comparator 42.